

Program Improvement Restructuring Plan Wood Middle School

**Wood Middle School
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1/28/2014**



WOOD MIDDLE SCHOOL

**ENGAGE
PREPARE
INSPIRE**

PARENT INFORMATION NIGHT
WED / JANUARY 15TH / 6:30 - 8pm

TOUR DATES
THUR / JANUARY 23 / 9-10am
TUES / JANUARY 28 / 9-10am

visit our website wms.alamedausd.ca.schoolloop.com

Data from the 2012-13 school year

Percent Proficient - Annual Measurable Objectives (AMOs)

GROUPS	English-Language Arts Target 89.2 % Met all percent proficient rate criteria? No					Mathematics Target 89.5 % Met all percent proficient rate criteria? No				
	Valid	Number	Percent	Met	Alternative	Valid	Number	Percent	Met	Alternative
	Scores	At or Above Proficient	At or Above Proficient	2013 AYP Criteria		Scores	At or Above Proficient	At or Above Proficient	2013 AYP Criteria	
Schoolwide	496	265	53.4	No		497	238	47.9	No	
Black or African American	79	36	45.6	Yes	SH	80	23	28.8	No	
American Indian or Alaska Native	2	--	--	--		2	--	--	--	
Asian	152	85	55.9	Yes	SH	152	90	59.2	No	
Filipino	67	35	52.2	--		67	34	50.7	--	
Hispanic or Latino	103	50	48.5	No		103	38	36.9	No	
Native Hawaiian or Pacific Islander	9	--	--	--		9	--	--	--	
White	76	53	69.7	Yes	SH	76	43	56.6	Yes	SH
Two or More Races	8	--	--	--		8	--	--	--	
Socioeconomically Disadvantaged	341	158	46.3	No		342	144	42.1	No	
English Learners	162	52	32.1	No		162	55	34.0	No	
Students with Disabilities	82	26	31.7	No		82	19	23.2	No	

Background

- WMS is in Program Improvement Year Four
 - Has not met sufficient Annual Yearly Progress (AYP) measures over the past four years
- The CDE requires that schools in year four develop a plan for alternative governance
 - Options for restructuring include: charter conversion, contract with outside agency, state takeover, or other major restructuring.
 - Decision for WMS to restructure without outside intervention was made in 2012-13 school year

Process (2012-13)

- November 2012: meeting held with staff and Director of Student Services focused on PI year 3 implications and alternative governance options
- Spring 2013: Five Saturday sessions were held to gather stakeholder input about restructuring goals
 - Participants included parents, community members, staff, and BOE members
 - Meetings focused on existing obstacles to student achievement and options for moving forward
 - District appointed a School Reform Coach to facilitate the restructuring process

Process (2013-14)

- August 2013: All staff attended a two-day retreat focused on the next steps in restructuring process and building a collaborative environment
- October 11: Staff focused on how to leverage existing strengths in the restructuring process
 - Facilitated by Reform Coach
 - Attended by ACOE staff
 - Integrated Learning
 - Service Learning (Waste Reduction)
- November 18-19: a team of WMS staff attended the California STEM Symposium
- January 9: thinking group, with representatives from all disciplines, worked on prioritizing and narrowing ideas, making agreements, and establishing faculty expectations for 2014-15, and leveraged and built upon Teen Tech, SLWRP, etc
- Reform coach worked with teams of staff, interviewing teachers across disciplines
- Reform coach and principal met with district office staff about components of the plan

Plan: Mission and Vision

- **Mission:** Wood Middle School prepares students to be lifelong learners who competently navigate the changing demands of the 21st century to positively affect the world.
- **Vision:** to prepare students, through rigorous and relevant content, to be productive and successful citizens by developing both a strong work ethic and the critical thinking skills needed to solve problems in the real world.

Plan: Components (year one)

- **Integrated Learning**
 - All teachers will be trained in Integrated Learning through ACOE during the 2014-15 school year.
 - This professional development will provide teachers with a common toolkit for integrating STEAM content across subject areas
 - The Integrated Learning methodology will provide the foundation for the work during the subsequent years of the plan
- **STEAM**
 - At least one teacher will be trained in STEM (Project Lead the Way) during summer 2014
 - STEM trained teacher(s) will teach STEM electives and work with other teachers to integrate STEM into their curriculum
 - One current WMS teacher is an Integrated Learning Specialist focusing on art integration (work began in 2012-13) this work will continue.
- **Professional Learning Community (PLC)**
 - Year one will build the foundation for the development of ongoing PLCs.
 - PLC work in year one will focus on Integrated Learning in all content areas

Plan: Lens of Integrated Learning

- Integrated Learning will provide the lens for all teachers to incorporate STEAM projects across all content areas
- WMS will partner with ACOE to provide Integrated Learning training to all teachers. Integrated Learning:
 - improves classroom teaching and learning across all subject areas
 - includes performance-based assessments and collaborative curriculum design
 - is a research-based approach that builds upon Harvard's Project Zero pedagogies, which include:
 - Teaching for Understanding
 - Studio Habits of Mind
 - Making Learning Visible
- The training will provide teachers with skills to navigate the transition to Common Core State Standards
 - implement relevant curriculum across disciplines
 - assess what students know and can do
 - differentiate to meet the needs of every student

Plan: Focus on STEAM

- When determining the best model for restructuring, we considered the question "How do we prepare our students to be successful in a world that is rapidly changing?" The careers and jobs of the tomorrow do not exist today.
- **STEAM** (Science, Technology, Engineering, Arts Integration, Math)
 - STEM + Art = STEAM.
 - The goal is to foster the true innovation that comes with combining the mind of a scientist or technologist with that of an artist or designer.

Plan: Focus on STEAM

- **Science:** the study of the natural world, including the laws of nature associated with physics, chemistry, and biology
- **Technology:** the entire system of people and organizations, knowledge, processes, and devices that go into creating and operating technological artifacts, as well as the artifacts themselves.
- **Engineering:** body of knowledge about the design and creation of products and a process for solving problems.
- **Art:** Art is the explorative vehicle demonstrating the expression of bigger concepts of creativity, innovation, critical thinking, problem solving, communication, collaboration, flexibility, adaptability and social and cultural skills.
- **Mathematics:** study of patterns and relationships among quantities, numbers, and shapes. Includes both theoretical and applied mathematics.

Plan: Focus on STEAM

- **STEAM education in the Middle Grades:**
 - Introduces an interdisciplinary program of study consisting of rigorous and challenging courses.
 - Continues to provide standards-based, structured inquiry-based and real world problem-based learning that interconnects STEAM-related subjects.
 - Bridges and connects in-school and out-of-school learning opportunities.
 - Increases student awareness of STEAM fields and occupations, especially for underrepresented populations.
 - Increases student awareness of the academic requirements of STEAM fields and occupations.
 - Begins student exploration of STEAM related careers, especially for underrepresented populations.

Plan: Depth through PLCs

- The work of PLCs revolves around three key questions:
 - What do we want students to learn?
 - How will we know when they have learned it?
 - What will we do when students are not achieving?
- PLC work at WMS will involve all staff:
 - committing to constant examination of data and practices
 - functioning as a community (not as silos) to benefit all students
- PLC work will increase in depth and complexity over time, initial work will focus on Integrated Learning

Plan: Space Needs

Restructuring plan includes 25:1 class size reduction

- Classroom needs (five rooms)
 - **Engineering Classroom:** where engineering elective will be taught, also space for project work and tinkering space
 - **Multi-Media Lab:** with focus on STEAM, access to multi-media technology is key. It's the "T" of STEAM.
 - **Fusion/Intervention Room:** These classes are currently held in a large office space
 - **PD/Conference Room:** For teacher professional development, Community Based Organization team meetings, SART and space for PLC collaboration/planning
 - **One additional classroom as a result of class size reduction**
- Additionally, sixth grade rooms will be relocated to support grade level houses

Plan: Budget Impacts

- 25:1 class size reduction
 - Increases staffing
 - Increases classroom needs
- Ongoing Professional Development
- STEAM Equipment (Engineering and Technology)
- Instructional Materials
- Consultant and Coaching

